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hFRS2: 1 MGSCCSCPDKDTPVDNHRNKFKVINVDDDGNELGSGIMELTDTELILYTRKRDSVKWHYL  
mFRS2: M-----V-----  
hFRS3: 1 MGSCCSCLNDRDSVPDNHPTKFKVTNVDDEGVELGSGVMELTQSELVLHLHRREAVRWPYL  
mFRS3: M---W---D-----H-----Q-----  
\*\*\*\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

hFRS2: 61 CLRRYGYDSNLFSESGRRCQTGGIFAFKCARAEELFNMLQEIMQNNNSINVVEEPVVE  
mFRS2: -----  
hFRS3: 61 CLRRYGYDSNLFSESGRRCQTGGIFAFKCSRAEEIFNLLQDLMQCNSINVMEEPVIIT  
mFRS3: -----D-----T-----  
\*\*\*\*\* \* \* \* \*

hFRS2: 120 RNNHQTELEVPRTPRTPTTPGFAAQNLPGYPRYPSEFGDASSHPSSSRHPSVGSARLPSVG  
mFRS2: -SS-----LG-----  
hFRS3: 121 RNSHPAELDLPRAP QPPNALGYTVSSFSNGCP GEGPRFSAPRRLSTSSLRHPSLG  
mFRS3: -S---P-----G-P--AGYTVSGF-NGFP---P-----P---  
\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

Grb2

hFRS2: 180 EESTHPLLVAEEQVHTYVNTTGVQEERKNRTSVHVPLEARVSNAESSTPKEEPSSIEDRD  
mFRS2: -----A-----P-----N-----NP-----  
hFRS3: 176 EESTHALIAPDEQSHTYVNTTPASEDDHRRGRHCLQPLPE GOAPFLPQARGP DQRD  
mFRS3: -----T---SE-----TGDE-G-S -----RV-LPA-TQ-S -----  
\* \* \* \* \* \* \* \* \* \*

hFRS2: 240 PQILLEPEGVKFVLGPTPVQKQLMEKEKLEQLGRDQVSGSGANNTEWDTGYDSDERRDAP  
mFRS2: --V--K---R-----K-P-----G-----V--  
hFRS3: 231 PQVFLQPGQVKFVLGPTPARRHMKVCQGLCPSLHDPHHNNNEAP SECP  
mFRS3: ---L-----QVM---S---GMQ-----G-----  
\* \* \* \* \* \* \* \* \* \*

Grb2

hFRS2: 300 SVNKLVEYENINGLSIPSASGVRRGRLTSTSTSDTQININNSAQRRRTALLNYENLPSLPPVW  
mFRS2: P-----P-----  
hFRS3: 281 AQPKCTYENVTG GLWRGAGWRLSPEEPGWNGLAHRRRAALLHYENLPPPLPPVW  
mFRS3: -----S--- --QQ-----R--S-----  
\* \* \* \* \* \* \* \* \* \*

Grb2

hFRS2: 360 EARKLSRDEDDNLGPKTPSLNGYHNNLDPMHNYVNTENVTPASAHKIEYSR  
mFRS2: -----D--K  
hFRS3: 333 ESQAQQLGGEAGDDGDSRDGLTPSSNGFPDGEEDETPLQKPTSTRAAIRSHGSFPVPLTR  
mFRS3: ---G--P-----SA---SG-----  
\* \* \* \*

SH-PTP2

hFRS2: 412 RRDCTPTVFNFDIRRPSLEH RQLNYIQVDLEGGSDSDNPQTPKTPTTLPQTPTRR  
mFRS2: -----  
hFRS3: 393 RRG SPRVFNFDFRRPGPEPPRQLNYIQVELKGWGGDRPKGPQNPSSPQAPMPTTHPARS  
mFRS3: ---Q-----TA-----VSG--G--P--V--  
\* \* \* \* \* \* \* \* \*

SH-PTP2

hFRS2: 468 TELYAVIDIERTAAMSNLQKALPRDDGTSRKTRHNSTDLP 508  
mFRS2: -----  
hFRS3: 452 SDSYAVIDLKKTVMAMSNLQALPRDDGTARKTRHNSTDLP 492  
mFRS3: -----A--D-----AV-----  
\*\*\*\*\* \* \* \* \*

FIGURE 1

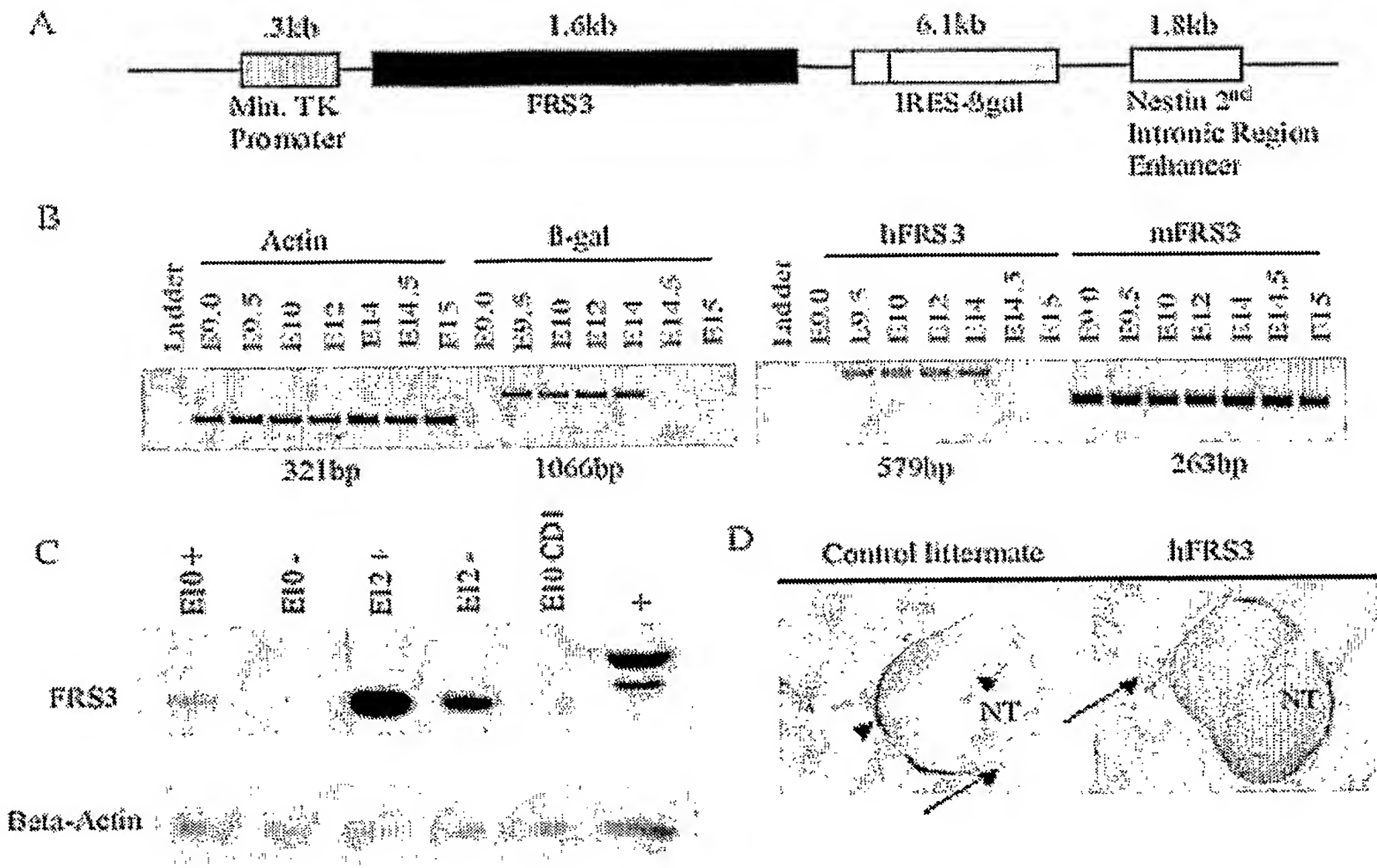


FIGURE 2

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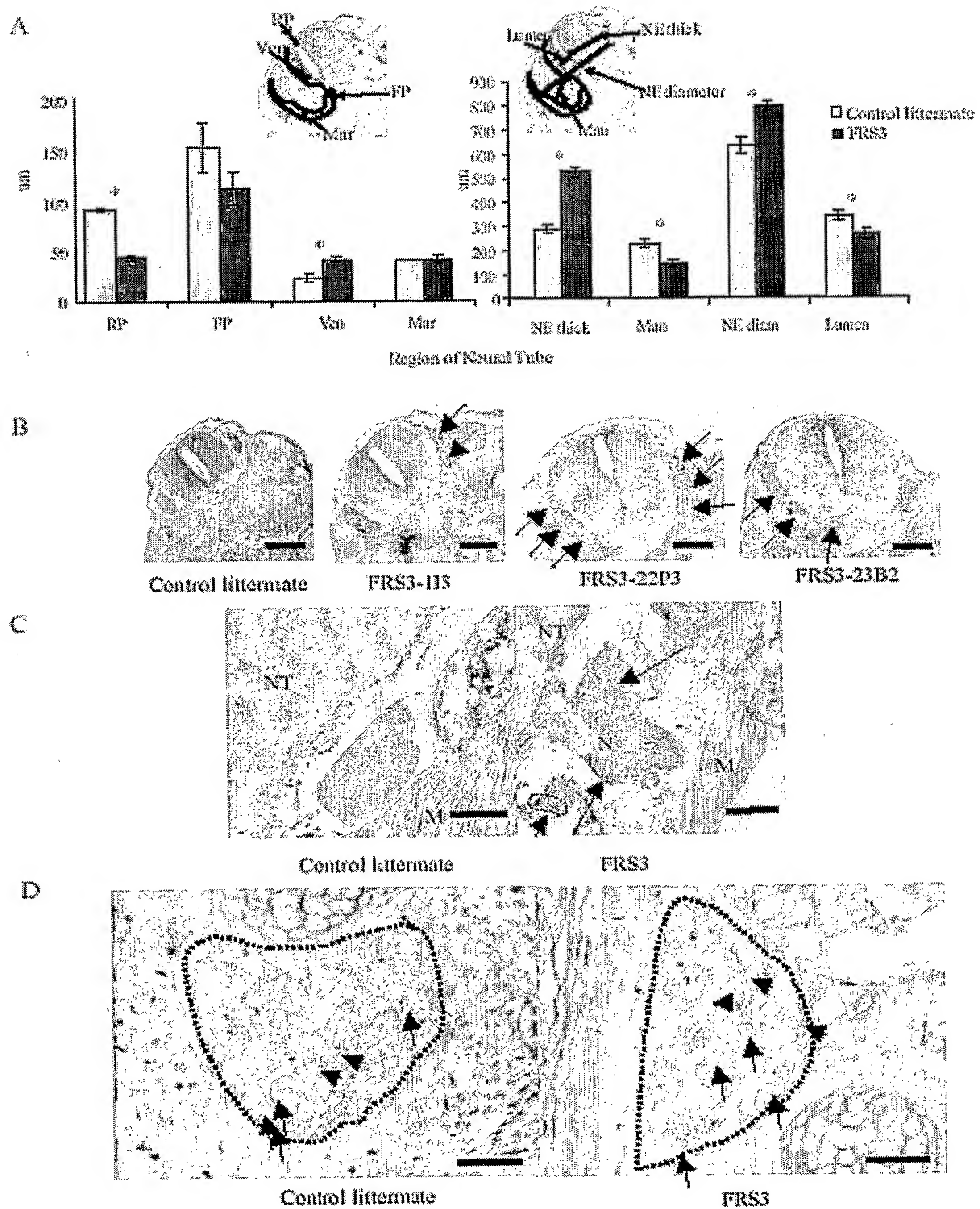


FIGURE 3

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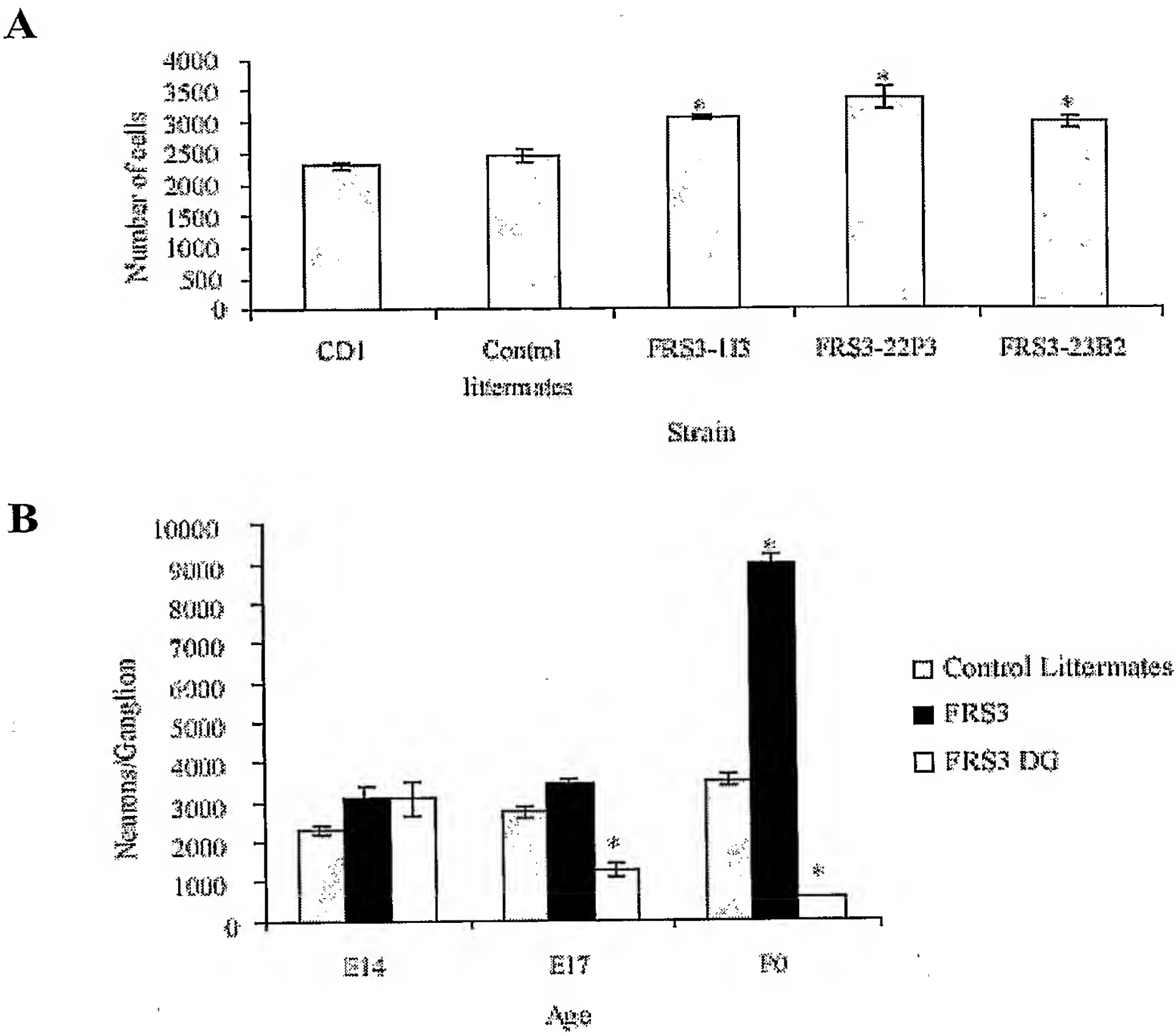


FIGURE 4

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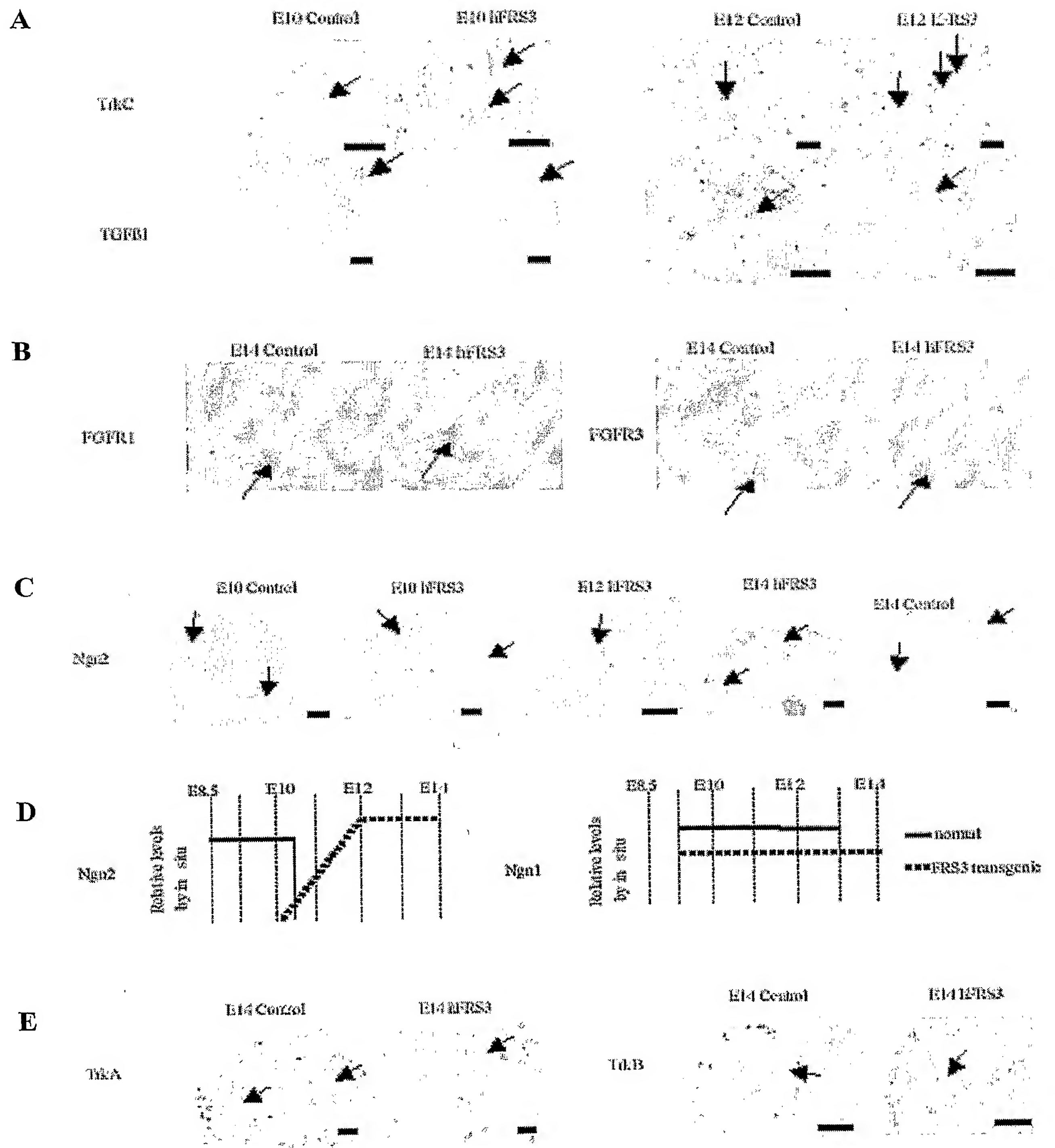
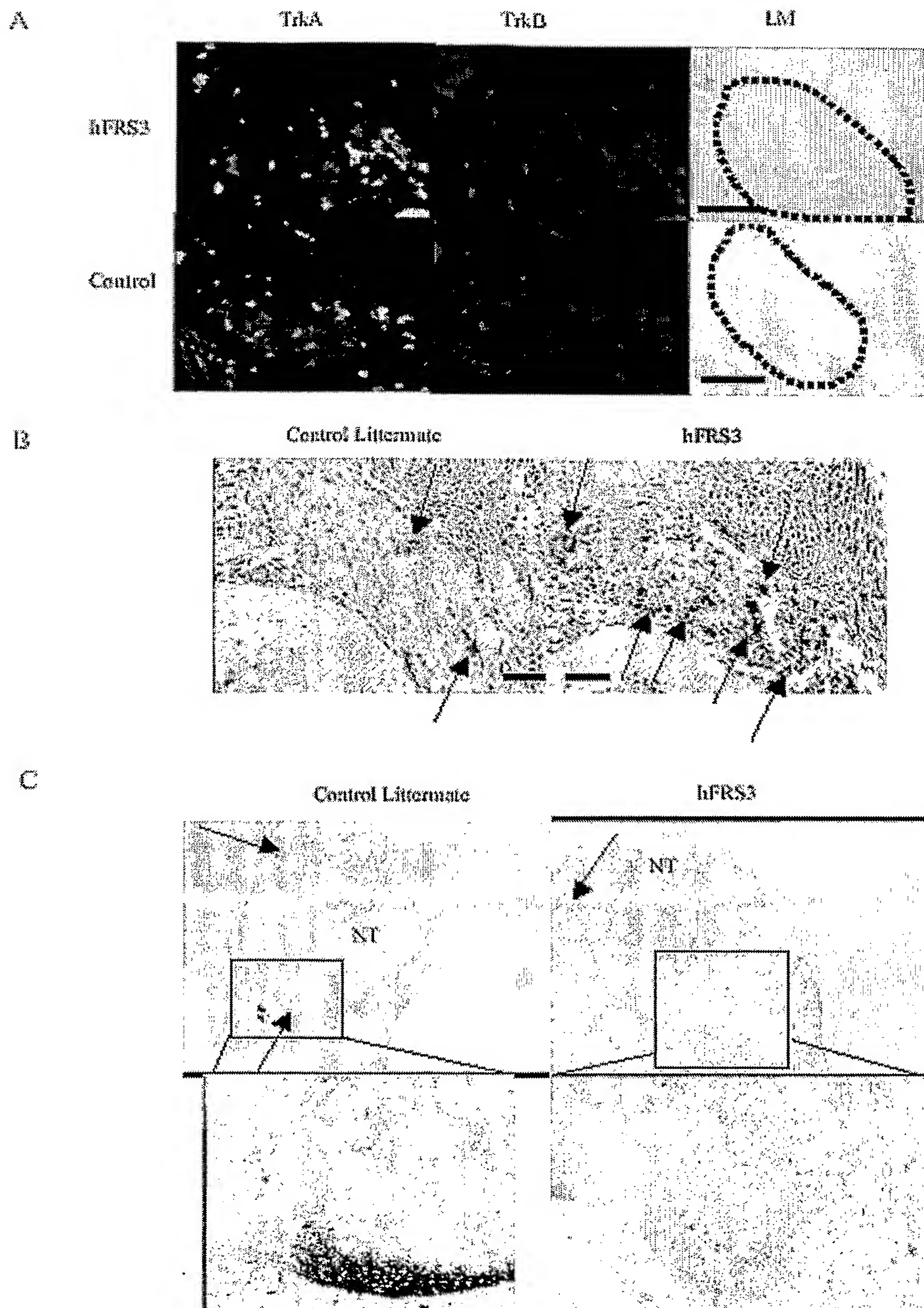


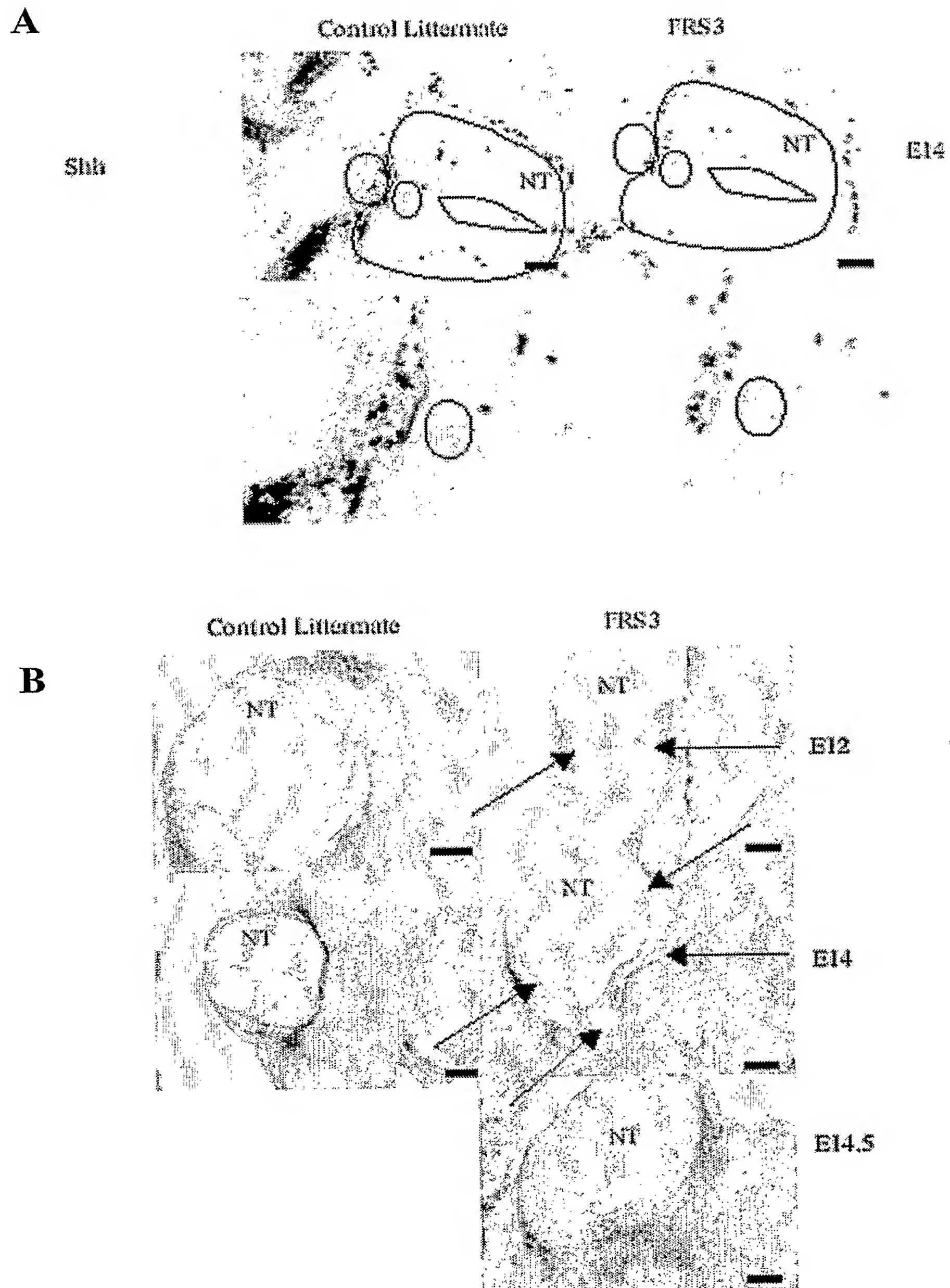
FIGURE 5



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**FIGURE 6**

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**FIGURE 7**

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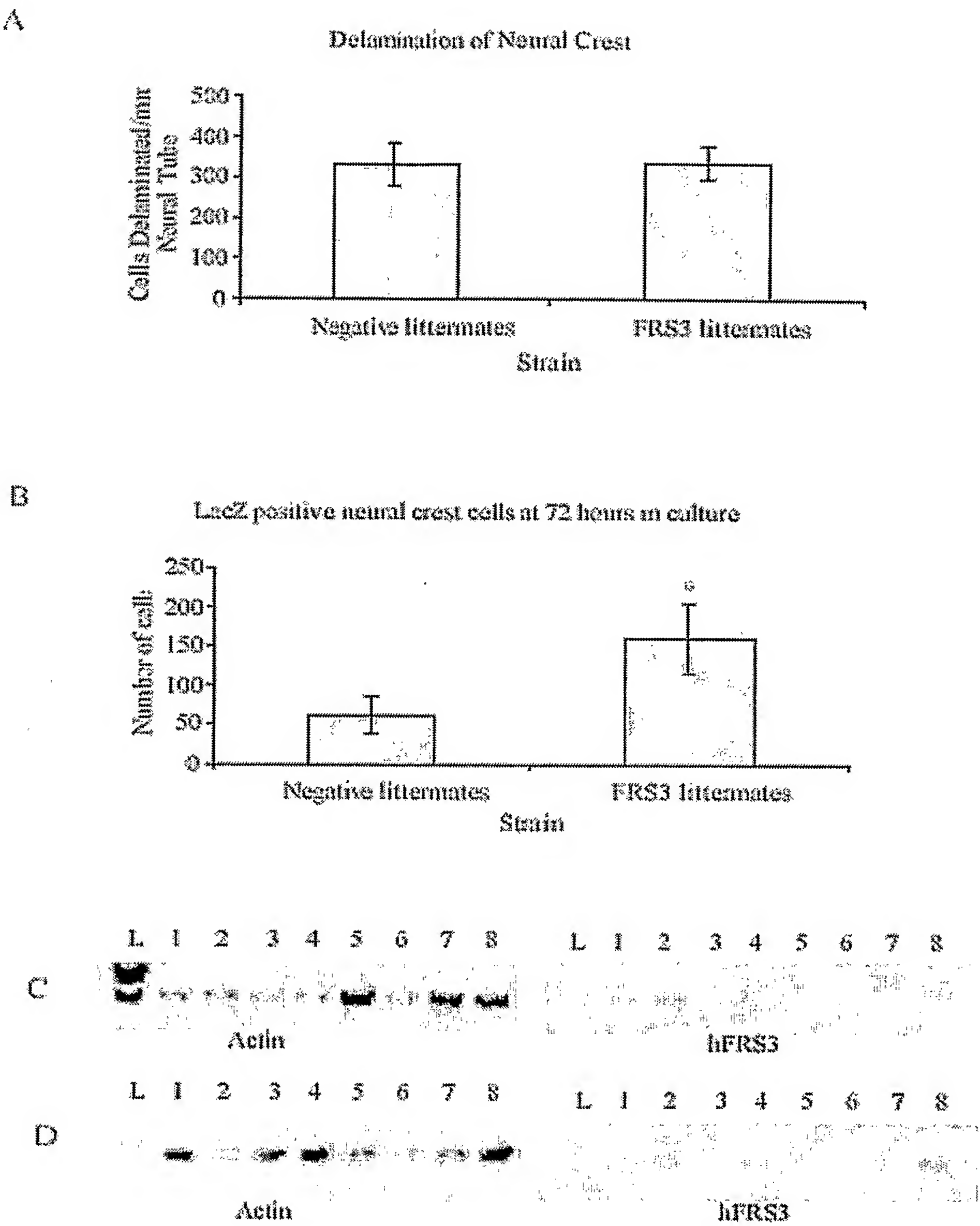
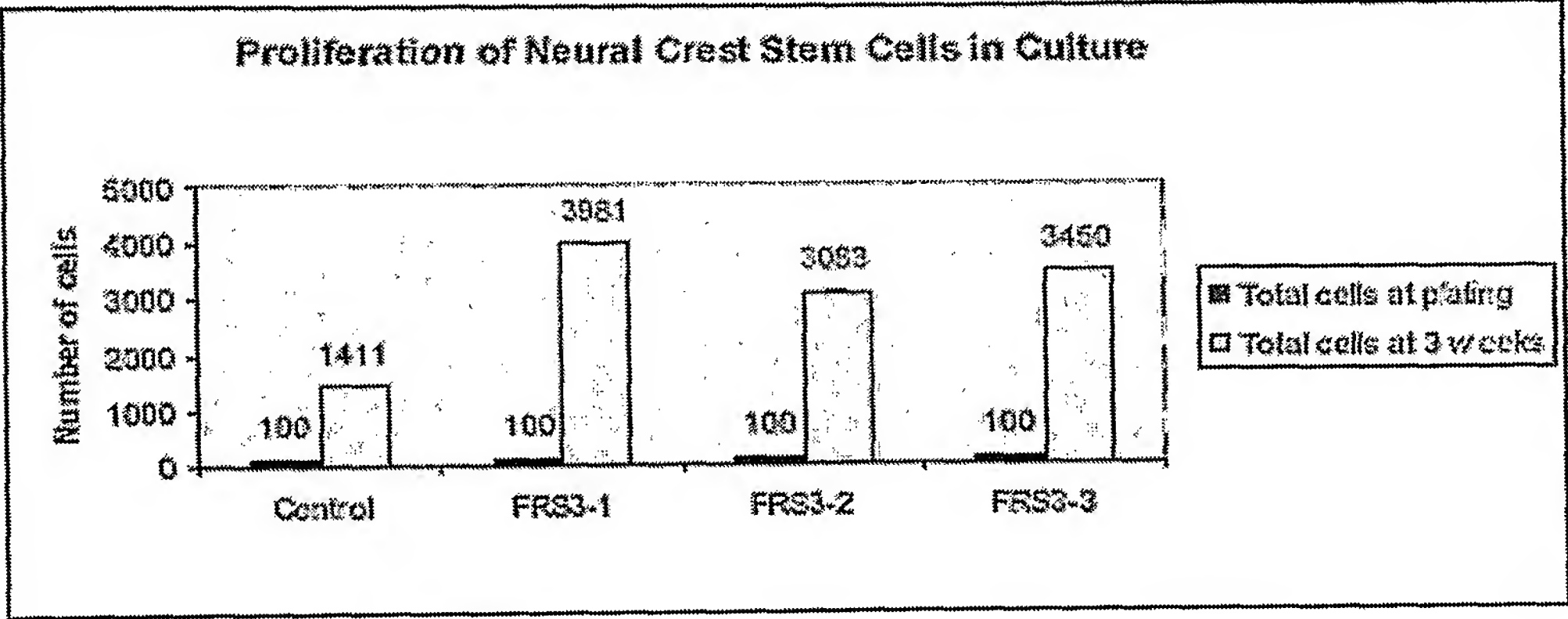


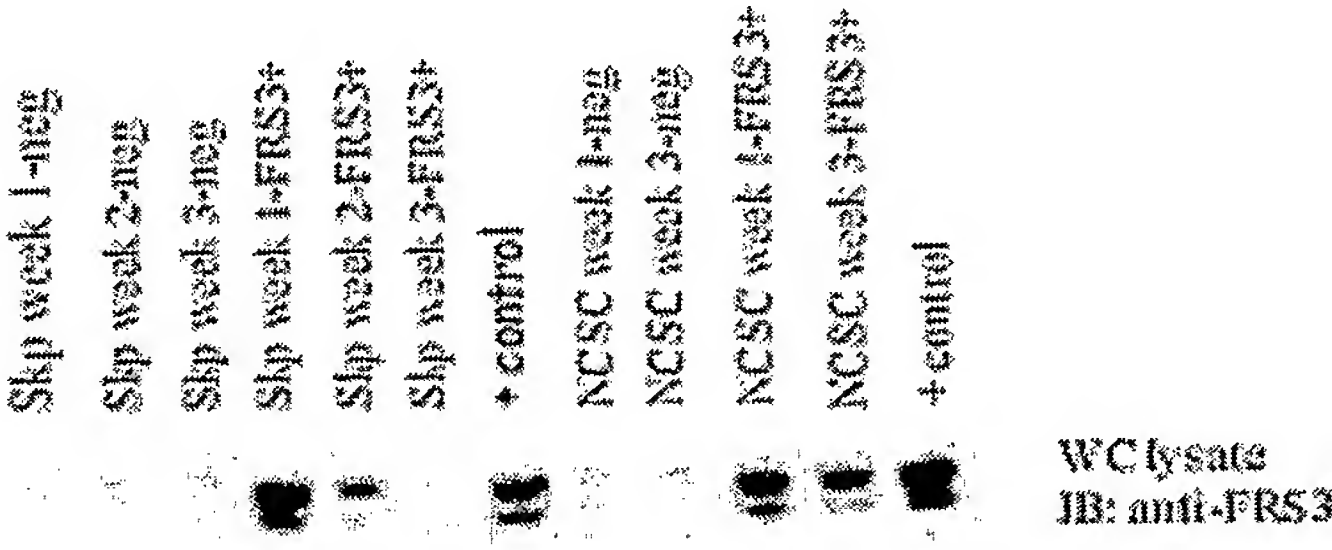
FIGURE 8



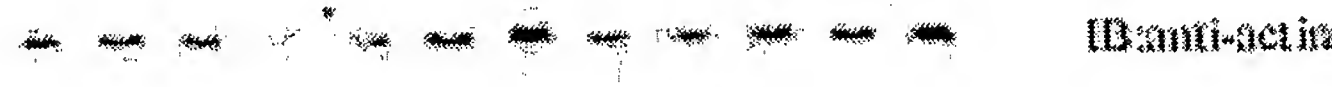
A



B



C



**FIGURE 9**

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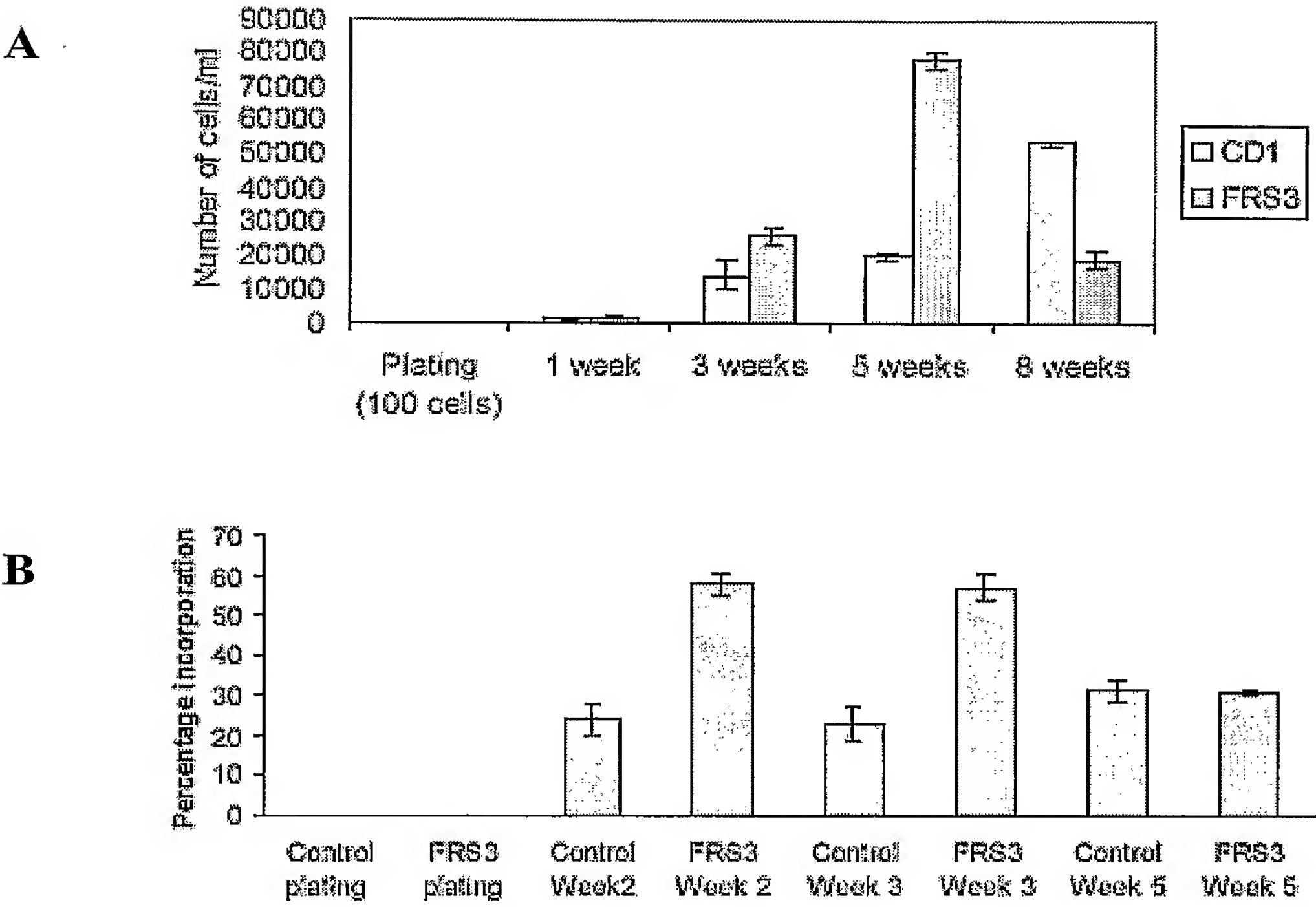


FIGURE 10